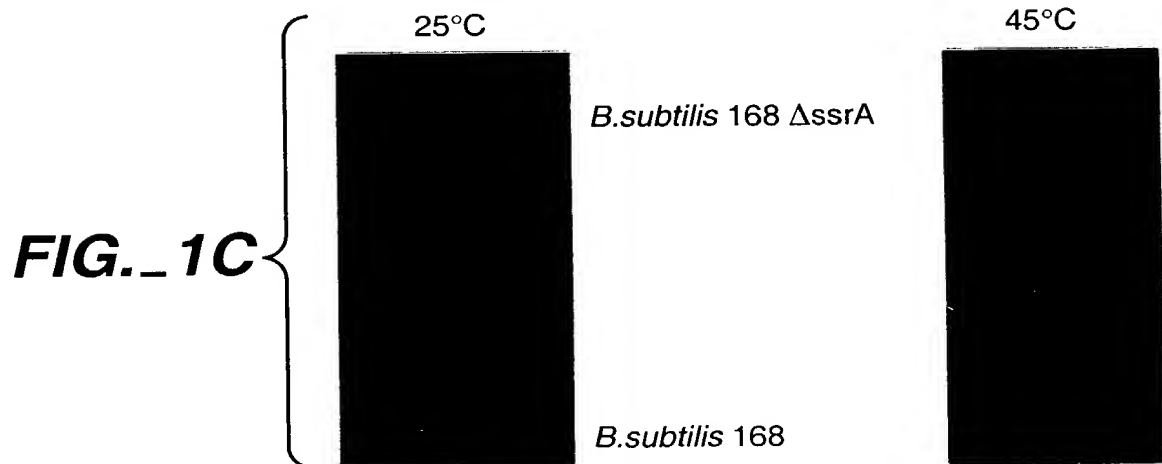
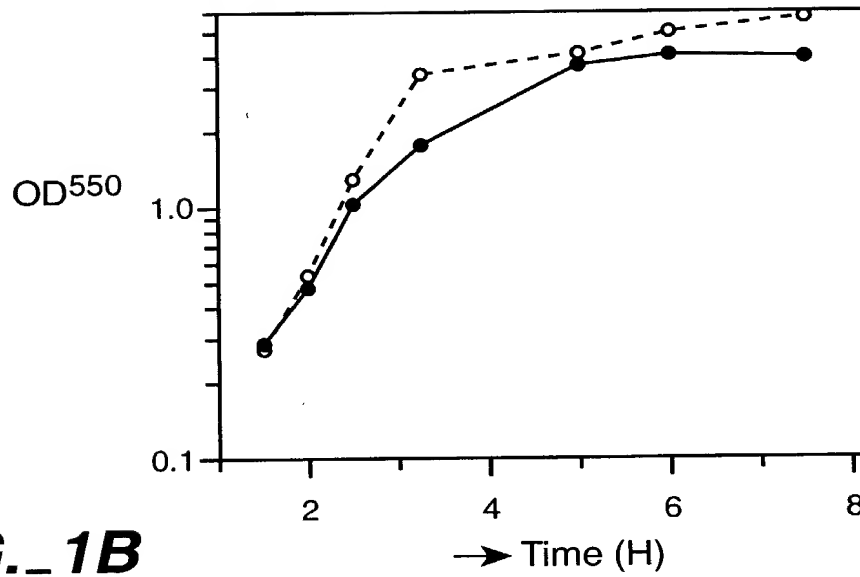
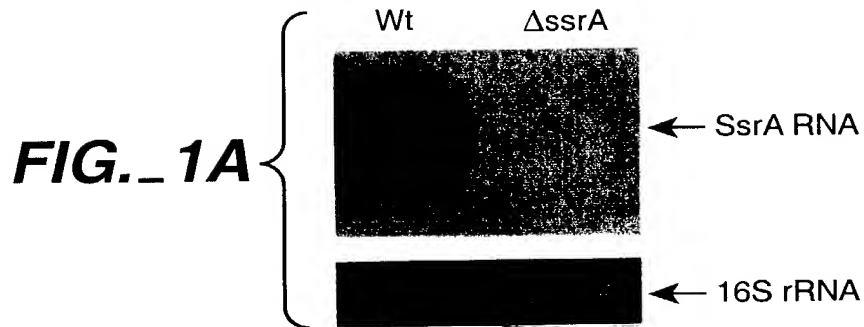


#5

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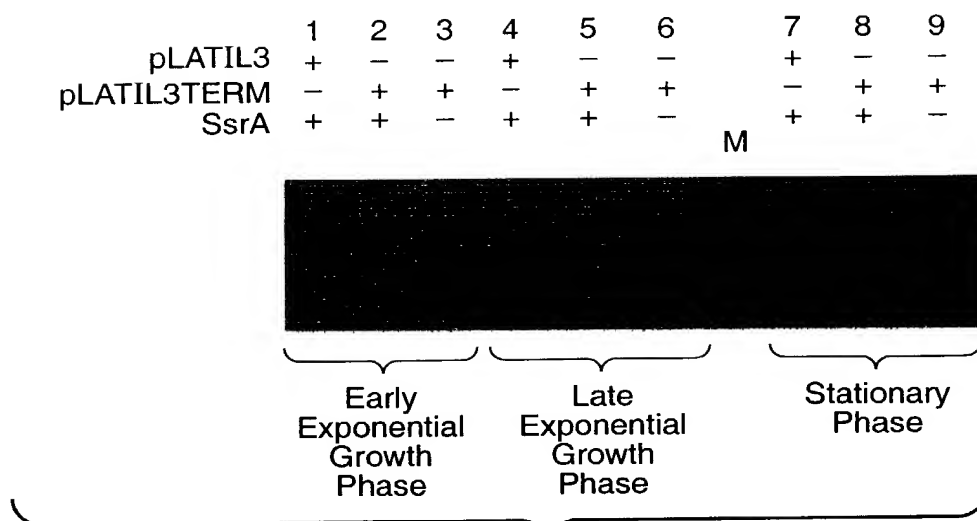


FIG._2

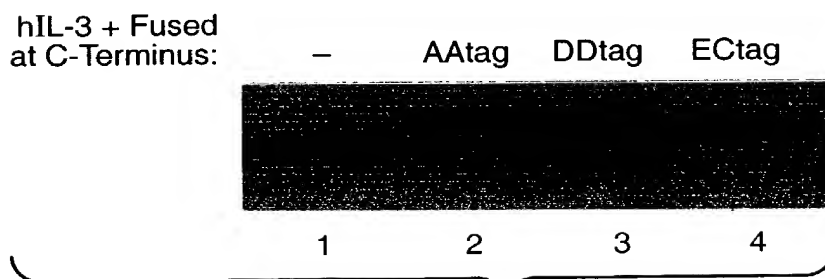


FIG._3A

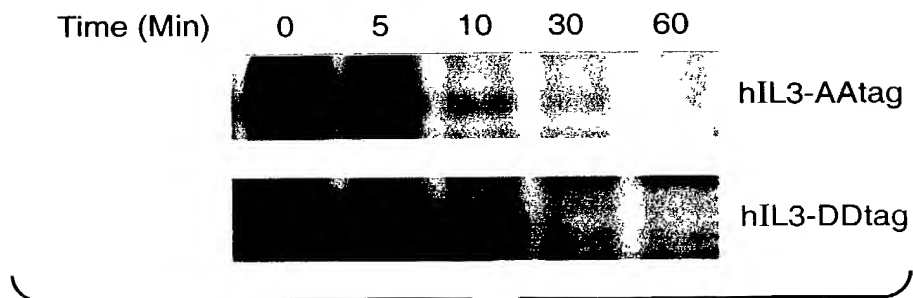


FIG._3B



FIG. 4

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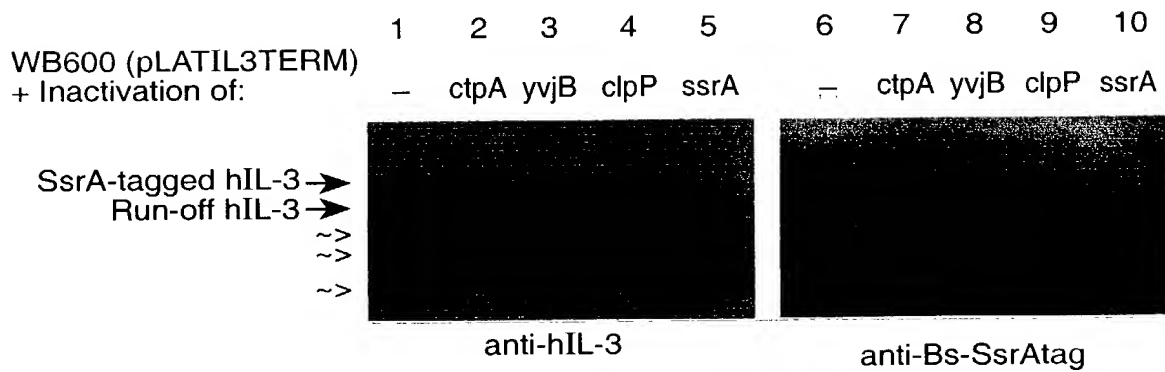


FIG._5

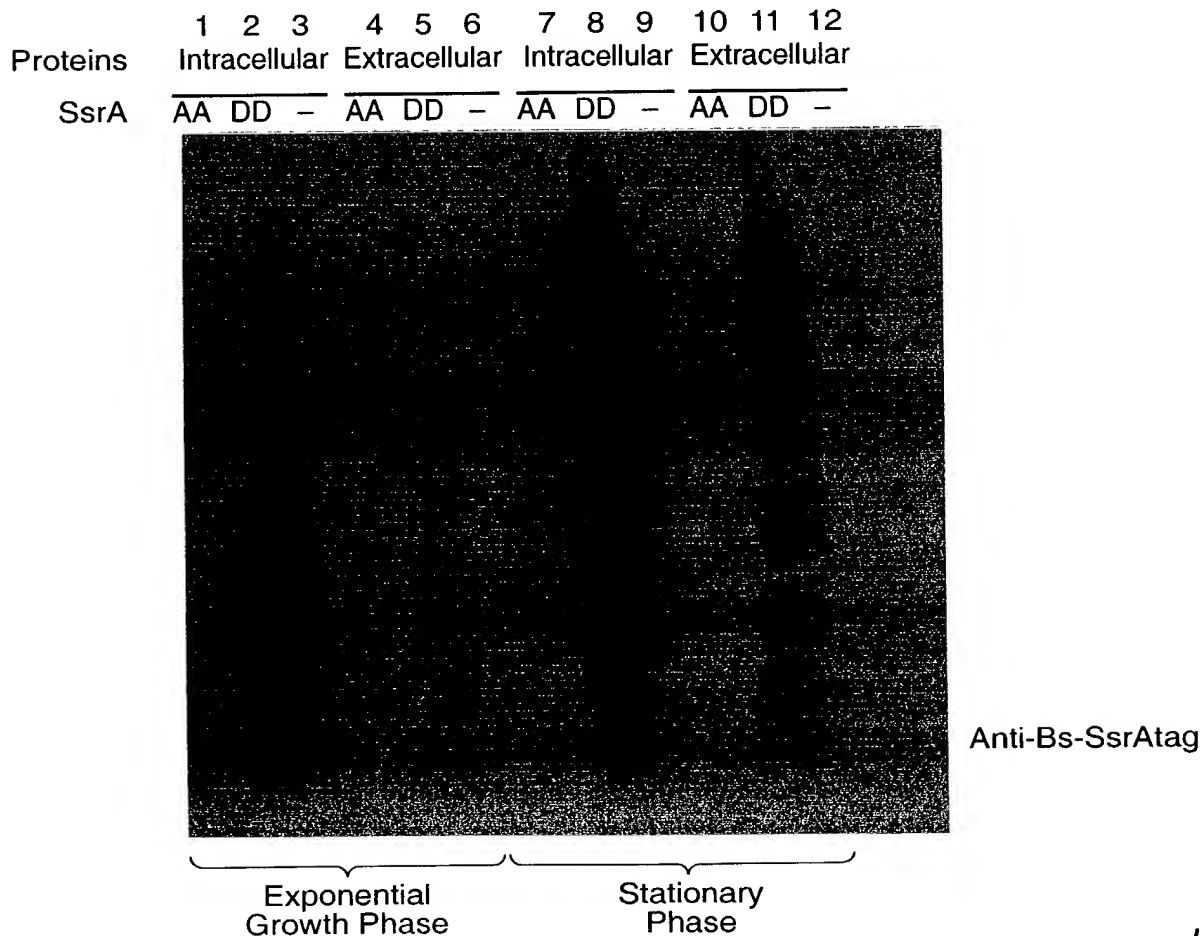


FIG._6

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IL-3 amino acid sequence (Native sequence associated with its native signal sequence)

MSRLPVLLLL QLLVRPGLQA PMTQTTPLKT SWVNCSNMID
EIITHLKQPP
LPLLDFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA
SAIESILKNL
LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA
QAQQTTLSLA IF

IL-3 as encoded by plasmid pLATIL3

MKQQKRLYAR LLTLLFALIF LLPHSSASAA PMTQTTPLKT SWVNCSNMID
EIITHLKQPP LPLLDFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA
SAIESILKNL LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA
QAQQTTL

IL-3 amino acid sequence (Substituted tag charged C-terminus)

MKQQKRLYAR LLTLLFALIF LLPHSSASAA PMTQTTPLKT SWVNCSNMID
EIITHLKQPP LPLLDFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA
SAIESILKNL LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA
QAQQTDD

IL-3 amino acid sequence (Tagged¹⁴)

MKQQKRLYAR LLTLLFALIF LLPHSSASAA PMTQTTPLKT SWVNCSNMID
EIITHLKQPP LPLLDFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA
SAIESILKNL LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA
QAQQTTL SAG KTNSFNQ NVA LDD

FIG. 7